

accidents include complete track circuiting, provision of Block Proving Axle Counters (BPAC), Train Protection Warning Systems (TPWS), Colour light LED Signals, Vigilance Control Device (VCD), usage of 60 kg rails and Pre-stressed Concrete Sleepers, long rail panels, better welding technology, digital types of machines for ultrasonic flaw detection (USFD), electronic monitoring of tracks using Track Recording Cars (TRC) and portable oscillation monitoring system (OMS), progressive use of Linke Hofmann Busch(LHB) Coaches, Centre Buffer Coupler with Integral Coach Factory(ICF) Coaches etc. Other measures include training of loco pilots and other safety category staff, improvement of other working conditions including proper rest and periodic medical examinations etc. Besides, periodic safety drives, inspections as per laid down schedules, patrolling of tracks, footplate inspections and safety reviews at various levels are continuously conducted to monitor and improve safety aspects of the Railways.

### **CCTV cameras in coaches for safety**

†3004. SHRI MAHENDRA SINGH MAHRA: Will the Minister of RAILWAYS be pleased to state:

(a) whether installation of high definition CCTV cameras (Day-Night long time memory) on both the entry gates, opposite to each other, in every coach would be considered, keeping in view the theft of luggage in the coaches of the trains and for security of women;

(b) if so, whether these high definition cameras would be effective to curb incidents of luggage theft, stopping miscreants and for safety of passengers; and

(c) if so, the reasons for reluctance to install high definition CCTV cameras, if not, by when it would be started?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI RAJEN GOHAIN): (a) and (b) Railways has installed CCTV cameras on a limited number of coaches of passenger and suburban trains on a pilot basis. As on 12.07.17.

- CCTV cameras have been installed by Northern Railway in 21 coaches.
- 10 Humsafar rakes have been fitted with CCTVs by Modern Coach Factory, Rae Bareli and Rail Coach Factory, Kapurthala (RCF) (5 rakes each).
- CCTV system has been provided in one rake of Tejas train service by RCF.
- CCTVs have been provided in 6 Diesel Electric Multiple Unit (DEMU) rakes by ICF.
- Integral Coach Factory, Chennai (ICF) has provided CCTVs in 20 coaches of Mainline trains.

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† Original notice of the question was received in Hindi.

- Western Railway and Central Railway have provided CCTVs in 100 suburban coaches (50 suburban coaches each).
- CCTV cameras have also been provided in coaches with glass roof top for Indian Railway Catering and Tourism Corporation (IRCTC). Two such coaches have been turned out by ICF.
- Provision of CCTV cameras acts as deterrent against incidents of theft and other passenger related crime besides instilling sense of confidence among passengers.

(c) Strengthening and upgradation of security infrastructure is an ongoing process. Sanction under Rolling Stock Programme for provision of CCTV cameras in 750 coaches is available and fitment of CCTVs in coaches shall be carried out in a phased manner.

#### **Medical Colleges under Railways**

3005. SHRI R. VAITHILINGAM: Will the Minister of RAILWAYS be pleased to state:

(a) the details of railway medical colleges functioning under Ministry of Railways, State-wise and location-wise;

(b) the details of the admission process, total number of seats offered each year, etc., college-wise and state-wise; and;

(c) whether Railways have any plan to set more medical colleges in other parts of the country, if so, details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI RAJEN GOHAIN): (a) Nil.

(b) Question does not arise.

(c) No, Sir.

#### **Doubling and electrification of tracks between Janghai-Phulpur and Manduadih-Allahabad**

3006. SHRI DARSHAN SINGH YADAV: Will the Minister of RAILWAYS be pleased to state:

(a) whether work relating to doubling and electrification of tracks between Janghai and Phulpur and Manduadih and Allahabad in Uttar Pradesh has been sanctioned;

(b) if so, by when the work on the same will begin and completed; and